

Morbidity and Mortality

Weekly
Report



U. S. Department of
HEALTH, EDUCATION, AND WELFARE

Public Health Service

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended November 10, 1956

Of the 42 cases of diphtheria reported this week, there were 6 each in Florida and Michigan; 4 each in Alabama and North Carolina; and 3 each in Georgia, Indiana, and Texas. The remainder was in 8 scattered States.

Three cases of vivax malaria were reported in California. One was a military case with source in Korea. The others were in Mexicans who arrived in the State on October 9, 1956.

Fewer cases (21) of typhoid fever were reported this week than for any week since the last of March. Of the total, 4 were in Texas, 3 in Tennessee, 2 each in Georgia, Kentucky, and Louisiana, and single cases in 8 States.

The numbers of reported cases of poliomyelitis by type for the United States for the current week, disease year, and calendar year are:

| TYPE | CURRENT WEEK | | DISEASE YEAR | | CALENDAR YEAR | |
|-------------------|--------------|------|--------------|--------|---------------|--------|
| | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 |
| TOTAL----- | 262 | 464 | 13,343 | 26,491 | 14,340 | 27,433 |
| Paralytic----- | 142 | 208 | 5,605 | 9,338 | 6,118 | 9,681 |
| Nonparalytic----- | 78 | 142 | 5,316 | 10,322 | 5,601 | 10,612 |
| Unspecified----- | 42 | 114 | 2,422 | 6,831 | 2,621 | 7,140 |

NOTE.—Data exclude reports for New Mexico.

EPIDEMIOLOGICAL REPORTS

Diphtheria

Dr. J. G. Molner, Detroit City Department of Health, has supplied preliminary information on the high incidence of diphtheria in the city since January 1, 1956. To date 61 cases with 2 deaths have been reported, 10 of which were in adults. All but one of the cases have occurred in a section, not more than 3 miles from the Detroit River, with the poorest immunization level. In 25 cases there were no known immunizations and in 4, this information was not available at the time of report. Thirty-two patients had some previous protection, but there was considerable doubt as to the amount of and time at which these immunizations were given. Twenty of the cases occurring in October were in one school district where an outbreak of the disease was reported in 1953. Only 9 of the cases were of those enrolled in the school, the remainder being preschool or post-school contacts.

The California State Department of Public Health has reported that the increased incidence of diphtheria in the State this year has been localized in San Joaquin and Los Angeles Counties. An outbreak of the disease in San Joaquin was reported for the week ended April 14. Recently 4 cases in one family were reported in Los Angeles County. Seven other cases, most of which were unrelated, have occurred in Los Angeles since January 1.

Leprosy

Dr. Mason Romaine, Virginia State Department of Health, has reported a case of leprosy in a native of the State. The patient has lived in the State all his life except for 1 year (September 1945 to August 1946) in the Philippines and 2 years (1954-1956) in California. His first lesion appeared in July of 1950 and was on the right hip and thigh. Another lesion appeared on the left thigh and one was on his back. His left fourth toe was anesthetic. There were no ulcerations. The patient was treated 2 years for "ring worm." Recently he consulted a dermatologist who became suspicious of leprosy and took a biopsy from one of the lesions. This showed lepromatous leprosy with acid fast organisms. The patient's wife is the only close contact. However, he has been working recently with workers in the building trade. Arrangements are being made to have the patient admitted to the PHS hospital in Carville, Louisiana.

Encephalitis

Dr. D. P. Conwell, Kentucky State Department of Health, has supplied additional information on the outbreak of encephalitis reported in the western part of the State for the week ended October 27. Among the cases reported, 4 were doubtful and did not fit into the clinical picture of the others. One of these was negative for viral encephalitis but showed a complement fixation titer of 1:8 for psittacosis, and the diagnosis has been changed to that disease. Five cases in the area have been confirmed as St. Louis encephalitis in titers of 1:32 to 1:128. Laboratory reports are pending on the remaining cases. In the Louisville area cases now total 97 with 10 deaths.

The California State Department of Public Health has reported the incidence of acute encephalitis (all types) to be low for the second year. However, mumps encephalitis has been higher in incidence during 1956 than during the period 1953-55. Sixteen cases of arthropod-borne infections have been reported in the State for the year to date. Of these, 12 were positive for western equine encephalitis and 4 positive for the St. Louis infection. These cases have been scattered throughout 13 counties—7 in the central and northern parts of the Central Valley, 5 in the San Joaquin Valley, and 1 in the southern part of the State (Imperial County).

Histoplasmosis

Dr. J. D. Martin, Louisiana State Department of Health, has reported a case of histoplasmosis in a 58-year-old man. About 2 months ago the right side of his tongue began swelling, his throat and palate became extremely sore. Other symptoms consisted of neck pain, mild morning cough, and anorexia. A culture of material obtained from the lesion on his tongue was reported positive for the disease. Information obtained shows a diagnosis of the disease was first made in 1954.

Tularemia

Dr. J. D. Martin, Louisiana State Department of Health, has reported also a case of tularemia in a 63-year-old man. This man's illness was characterized by fever, chills, sweats, headache, nausea, vomiting, and adenopathy. The patient denied contact with animals but gave a history of a tick bite on his leg.

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An ulcer formed at the site of the bite and glands in the groin became swollen and painful. Agglutination reactions for *Pasteurella tularensis* were negative early after onset, but 9 days later tested positive in a dilution of 1:200.

Botulism

The California State Department of Public Health has supplied information on a case of botulism recently reported in the State. The patient's illness was characterized by nausea, vomiting, diarrhea, double vision, muscle weakness, and difficulty in seeing, swallowing, speaking, and breathing. The suspected vehicle of infection (unprocessed mushrooms) was not available for laboratory examination.

Streptococcal food infection

Dr. J. D. Martin, Louisiana State Department of Health, has reported an outbreak of illness involving 38 college students. Clinical symptoms compatible with those of food poisoning began about 9 hours after the students partook of a meal in the dining hall of the school. The meal consisted of roast beef, potatoes, peas, bread, and tea. None of the food was available for bacteriologic studies. Stool specimens obtained from

the patients were found to contain streptococcal organisms.

Gastro-enteritis

The California State Department of Public Health has reported an outbreak of gastro-enteritis among 247 persons in a school. Of these about 87 became ill with nausea, vomiting, diarrhea, cramps, prostration, and chills from 9 to 15 hours after eating a noon meal in the cafeteria. The suspected vehicle of infection was meat loaf which was prepared during the morning. The meat loaf was made with powdered milk, fresh eggs, oatmeal filler, and baked with canned tomato sauce. None of the original meat loaf was available for laboratory tests. Specimens of the ground meat and powdered milk were negative for pathogens.

Also, the California State Department of Public Health has reported 3 outbreaks of gastro-enteritis in a farm labor group served by a single caterer. A total of 262 cases was reported, with many of the individuals being ill on the 3 occasions. Nausea, vomiting, and diarrhea began from 2 to 12 hours after the evening meals on the 3 different days. An investigation of the catering establishment revealed good food handling techniques

Continued on page 8

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: CONTINENTAL UNITED STATES

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

| DISEASE | 45th WEEK | | | CUMULATIVE NUMBER | | | | | | Approximate seasonal low point |
|--|----------------------------------|----------------------------------|----------------|-------------------|-------------------|----------------|-------------------------|----------------------|---------------------------|--------------------------------|
| | Ended Nov. 10, 1956 ¹ | Ended Nov. 12, 1955 ¹ | Median 1951-55 | First 45 weeks | | | Since seasonal low week | | | |
| | | | | 1956 ¹ | 1955 ¹ | Median 1951-55 | 1955-56 ¹ | 1954-55 ¹ | Median 1950-51 to 1954-55 | |
| Anthrax-----062 | - | - | 2 | 32 | 26 | 30 | (2) | (2) | (2) | (2) |
| Botulism-----049.1 | - | - | --- | 12 | 2 | --- | (2) | (2) | (2) | (2) |
| Brucellosis (undulant fever)-----044 | 17 | 24 | --- | 936 ¹ | 1,116 | --- | --- | --- | --- | --- |
| Diphtheria-----055 | 42 | 67 | 71 | 1,245 | 1,531 | 2,015 | 422 | 825 | 963 | July 1 |
| Encephalitis, infectious-----082 | 31 | 26 | 19 | 1,972 | 1,366 | 1,370 | 1,345 | 809 | 810 | June 1 |
| Hepatitis, infectious, and serum-----092, N998.5 pt. | 280 | 338 | --- | 16,863 | 27,979 | --- | --- | --- | --- | --- |
| Malaria-----110-117 | 6 | 8 | --- | 217 | 429 | --- | (2) | (2) | (2) | (2) |
| Measles-----085 | 1,729 | 1,460 | 1,669 | 585,252 | 522,840 | 528,077 | 8,700 | 4,515 | 11,152 | Sept. 1 |
| Meningococcal infections-----057 | 56 | 60 | 61 | 2,373 | 3,013 | 3,599 | 408 | 446 | 584 | Sept. 1 |
| Meningitis, other-----340 | 36 | --- | --- | 1,355 | --- | --- | --- | --- | --- | --- |
| Poliomyelitis-----080 | 262 | 464 | 625 | 14,340 | 27,433 | 33,512 | 13,343 | 26,491 | 31,931 | Apr. 1 |
| Psittacosis-----096.2 | 9 | 2 | --- | 455 | 241 | --- | (2) | (2) | (2) | (2) |
| Rabies in man-----094 | - | - | - | 7 | 5 | 10 | (2) | (2) | (2) | (2) |
| Smallpox-----084 | - | - | - | - | - | 5 | (2) | (2) | (2) | (2) |
| Typhoid fever-----040 | 21 | 26 | 31 | 1,600 | 1,481 | 2,064 | 1,300 | 1,215 | 1,677 | Apr. 1 |
| Typhus fever, endemic-----101 | - | 1 | --- | 92 | 118 | --- | (2) | (2) | (2) | (2) |
| Rabies in animals----- | 81 | 65 | 109 | 4,150 | 4,475 | 6,235 | 384 | 460 | 664 | Oct. 1 |

¹Data exclude reports for New Mexico.

²Frequencies are too small.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, rabies in man, and smallpox are not shown in table 2,

but a footnote to table 1 shows the States making the reports. In addition, when diseases of rare occurrence (cholera, dengue, plague, relapsing fever—louse borne, typhus fever—epidemic, and yellow fever) are reported, they will be noted at the end of table 1.

Symbols.—1 dash [-] : no cases reported; 3 dashes [---] : data not available; parentheses [()] : data not included in totals.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 12, 1955 AND NOVEMBER 10, 1956

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

| AREA | BRUCELLOSIS (UNDULANT FEVER) | | DIPHTHERIA 055 | | | | ENCEPHALITIS, INFECTION | | HEPATITIS, INFECTION, AND SERUM 092,N998.5 pt. | | | |
|--|------------------------------------|------|----------------|------|------------------------------|-------|----------------------------|------|---|------|------------------------------|--------|
| | 044 | | 45th week | | Cumulative first 45 weeks | | 082 | | 45th week | | Cumulative first 45 weeks | |
| | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 |
| CONT. UNITED STATES ¹ ----- | 17 | 24 | 42 | 67 | 1,245 | 1,531 | 31 | 26 | 280 | 338 | 16,863 | 27,979 |
| NEW ENGLAND----- | - | - | 1 | - | 13 | 22 | 1 | 1 | 18 | 28 | 1,087 | 2,501 |
| Maine----- | - | - | - | - | - | - | - | - | 10 | 8 | 268 | 319 |
| New Hampshire----- | - | - | - | - | 1 | - | - | - | - | 2 | 31 | 73 |
| Vermont----- | - | - | - | - | - | 2 | - | - | 1 | 8 | 152 | 229 |
| Massachusetts----- | - | - | 1 | - | 12 | 20 | 1 | 1 | 3 | 2 | 278 | 859 |
| Rhode Island----- | - | - | - | - | - | - | - | - | - | 6 | 128 | 351 |
| Connecticut----- | - | - | - | - | - | - | - | - | 4 | 2 | 230 | 670 |
| MIDDLE ATLANTIC----- | 1 | - | 2 | - | 54 | 52 | 5 | 3 | 48 | 72 | 3,623 | 7,107 |
| New York----- | - | - | 2 | 2 | 19 | 32 | 5 | 3 | 27 | 48 | 1,922 | 3,874 |
| New Jersey----- | - | - | 2 | - | 16 | 6 | - | - | 3 | 4 | 340 | 458 |
| Pennsylvania----- | 1 | - | - | - | 19 | 14 | - | - | 18 | 20 | 1,361 | 2,775 |
| EAST NORTH CENTRAL----- | 3 | 6 | 11 | 5 | 217 | 124 | 4 | - | 47 | 58 | 2,587 | 3,967 |
| Ohio----- | - | - | 2 | - | 16 | 30 | 3 | - | 18 | 13 | 633 | 705 |
| Indiana----- | - | - | 3 | - | 92 | 34 | - | - | 2 | 8 | 346 | 552 |
| Illinois----- | 1 | 3 | - | 1 | 8 | 9 | - | - | 11 | 3 | 614 | 954 |
| Michigan----- | 2 | 2 | 6 | 4 | 99 | 48 | - | - | 9 | 16 | 695 | 1,133 |
| Wisconsin----- | - | 1 | - | - | 2 | 3 | 1 | - | 7 | 18 | 299 | 623 |
| WEST NORTH CENTRAL----- | 7 | 11 | 3 | 7 | 104 | 161 | 5 | 4 | 13 | 30 | 1,361 | 3,333 |
| Minnesota----- | 2 | 1 | - | - | 26 | 53 | - | - | 9 | 13 | 441 | 1,195 |
| Iowa----- | 2 | 3 | - | - | 17 | 6 | - | - | 1 | 5 | 347 | 904 |
| Missouri----- | - | - | 1 | 1 | 12 | 13 | 1 | - | 1 | 1 | 89 | 327 |
| North Dakota----- | - | - | - | - | 5 | 1 | - | - | 1 | 6 | 118 | 281 |
| South Dakota----- | 1 | 1 | - | - | 8 | 44 | - | - | 1 | 4 | 164 | 332 |
| Nebraska----- | - | 6 | - | 6 | 30 | 41 | - | - | - | - | 92 | 81 |
| Kansas----- | 2 | - | 2 | - | 6 | 3 | 4 | 4 | - | 1 | 110 | 213 |
| SOUTH ATLANTIC----- | 1 | 3 | 14 | 25 | 331 | 550 | 4 | - | 17 | 32 | 1,095 | 2,425 |
| Delaware----- | - | - | - | - | - | 1 | - | - | 1 | - | 31 | 46 |
| Maryland----- | - | - | - | - | 2 | 13 | - | - | 3 | 10 | 86 | 337 |
| District of Columbia----- | - | - | - | - | 1 | 2 | - | - | - | - | 20 | 41 |
| Virginia----- | 1 | - | 1 | - | 30 | 34 | - | - | 10 | 11 | 441 | 990 |
| West Virginia----- | - | - | - | 1 | 7 | 17 | - | - | 1 | - | 60 | 233 |
| North Carolina----- | - | - | 4 | 1 | 59 | 74 | 3 | - | - | 2 | 113 | 312 |
| South Carolina----- | - | - | - | 4 | 77 | 177 | - | - | 1 | - | 59 | 72 |
| Georgia----- | - | 2 | 3 | 14 | 70 | 181 | 1 | - | 1 | 4 | 143 | 158 |
| Florida----- | - | 1 | 6 | 5 | 85 | 51 | - | - | - | 5 | 142 | 236 |
| EAST SOUTH CENTRAL----- | 1 | - | 6 | 15 | 180 | 316 | 1 | 2 | 24 | 13 | 1,500 | 1,519 |
| Kentucky----- | - | - | - | - | 11 | 44 | 1 | - | 13 | 5 | 463 | 890 |
| Tennessee----- | 1 | - | - | - | 21 | 36 | - | 2 | 6 | 4 | 632 | 585 |
| Alabama----- | - | - | 4 | 15 | 95 | 197 | - | - | 4 | 3 | 193 | 286 |
| Mississippi----- | - | - | 2 | - | 53 | 39 | - | - | 1 | 1 | 212 | 358 |
| WEST SOUTH CENTRAL----- | 1 | 2 | 4 | 6 | 270 | 244 | 6 | 5 | 21 | 28 | 1,239 | 1,666 |
| Arkansas----- | - | 1 | 1 | - | 21 | 9 | - | - | 3 | 1 | 133 | 210 |
| Louisiana----- | 1 | - | - | - | 29 | 31 | - | 1 | 2 | - | 125 | 118 |
| Oklahoma----- | - | - | - | - | 58 | 26 | - | - | 4 | - | 99 | 174 |
| Texas----- | - | 1 | 3 | 6 | 162 | 178 | 6 | 4 | 12 | 27 | 882 | 1,164 |
| MOUNTAIN----- | - | 1 | 1 | - | 23 | 14 | 2 | 1 | 20 | 35 | 1,331 | 1,862 |
| Montana----- | - | - | 1 | - | 4 | 3 | - | 1 | 2 | 15 | 348 | 372 |
| Idaho----- | - | - | - | - | 1 | - | - | - | 2 | 1 | 187 | 235 |
| Wyoming----- | - | - | - | - | 7 | - | - | - | 10 | 6 | 102 | 124 |
| Colorado----- | - | - | - | - | 3 | 1 | - | - | 4 | 6 | 333 | 460 |
| New Mexico----- | --- | (-) | --- | (-) | --- | (4) | --- | (-) | --- | (1) | --- | (326) |
| Arizona----- | - | - | - | - | 5 | 7 | 2 | - | 1 | 6 | 284 | 586 |
| Utah----- | - | 1 | - | - | 3 | 1 | - | - | 1 | 1 | 69 | 65 |
| Nevada----- | - | - | - | - | - | 2 | - | - | - | - | 8 | 20 |
| PACIFIC----- | 3 | 1 | - | 7 | 53 | 48 | 3 | 10 | 72 | 42 | 3,040 | 3,599 |
| Washington----- | - | - | - | - | 11 | 24 | - | - | 7 | 6 | 580 | 770 |
| Oregon----- | - | - | - | - | 11 | - | - | - | 15 | 5 | 609 | 987 |
| California----- | 3 | 1 | - | 7 | 31 | 24 | 3 | 10 | 50 | 31 | 1,851 | 1,842 |
| Alaska----- | - | - | - | - | 35 | - | - | - | 25 | 3 | 138 | 328 |
| Hawaii----- | - | - | - | - | - | - | - | - | - | - | 43 | 39 |
| Puerto Rico----- | - | - | 2 | - | 68 | 62 | - | - | 2 | 1 | 214 | 65 |

¹Data exclude reports for New Mexico.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 12, 1955 AND NOVEMBER 10, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

| AREA | POLIOMYELITIS 080 | | | | | | | | MALARIA | | MEASLES | |
|--|--------------------|------|---------------------------|--------|-------------|------|--------------|------|---------|------|---------|-------|
| | Total ² | | | | Paralytic | | Nonparalytic | | | | | |
| | 45th week | | Cumulative first 45 weeks | | 080.0,080.1 | | 080.2 | | 110-117 | | 085 | |
| | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 |
| CONT. UNITED STATES ¹ ----- | 262 | 464 | 14,340 | 27,433 | 142 | 208 | 78 | 142 | 6 | 8 | 1,729 | 1,460 |
| NEW ENGLAND----- | 2 | 63 | 241 | 5,306 | - | 21 | 2 | 22 | - | 1 | 77 | 66 |
| Maine----- | - | 1 | 21 | 189 | - | 1 | - | - | - | - | 10 | - |
| New Hampshire----- | - | - | 3 | 210 | - | - | - | - | - | - | - | - |
| Vermont----- | - | 2 | 21 | 117 | - | 2 | - | - | - | - | 4 | 58 |
| Massachusetts----- | - | 43 | 105 | 3,767 | - | 17 | - | 17 | - | - | 16 | 4 |
| Rhode Island----- | - | 12 | 9 | 390 | - | 1 | - | 1 | - | 1 | 2 | 1 |
| Connecticut----- | 2 | 5 | 82 | 624 | - | - | 2 | 4 | - | - | 45 | 3 |
| MIDDLE ATLANTIC----- | 17 | 53 | 1,143 | 4,037 | 3 | 14 | 8 | 13 | - | - | 285 | 195 |
| New York----- | 12 | 40 | 747 | 2,669 | 3 | 13 | 7 | 10 | - | - | 160 | 128 |
| New Jersey----- | 3 | 5 | 206 | 653 | - | 1 | 1 | 3 | - | - | 75 | 26 |
| Pennsylvania----- | 2 | 8 | 190 | 715 | - | - | - | - | - | - | 50 | 41 |
| EAST NORTH CENTRAL----- | 60 | 96 | 3,936 | 6,557 | 27 | 34 | 19 | 31 | 1 | - | 275 | 231 |
| Ohio----- | 9 | 26 | 590 | 1,235 | 4 | 1 | - | 5 | 1 | - | 18 | 35 |
| Indiana----- | 20 | 5 | 376 | 401 | 9 | 2 | 9 | 1 | - | - | 42 | 21 |
| Illinois----- | 10 | 15 | 1,806 | 1,345 | 4 | 7 | 2 | 3 | - | - | 63 | 74 |
| Michigan----- | 12 | 10 | 644 | 1,160 | 6 | 5 | 6 | 5 | - | - | 48 | 73 |
| Wisconsin----- | 9 | 40 | 520 | 2,416 | 4 | 19 | 2 | 17 | - | - | 104 | 28 |
| WEST NORTH CENTRAL----- | 16 | 29 | 1,639 | 2,044 | 8 | 16 | 2 | 9 | - | - | 95 | 91 |
| Minnesota----- | 1 | 6 | 197 | 573 | 1 | 3 | - | 3 | - | - | 40 | 5 |
| Iowa----- | 5 | 5 | 617 | 535 | 3 | 2 | 1 | 2 | - | - | 26 | 19 |
| Missouri----- | 2 | 11 | 401 | 252 | 1 | 7 | - | 3 | - | - | 13 | 6 |
| North Dakota----- | 2 | - | 36 | 60 | 1 | - | 1 | - | - | - | 15 | 16 |
| South Dakota----- | - | - | 35 | 75 | - | - | - | - | - | - | 1 | 3 |
| Nebraska----- | 4 | 2 | 169 | 278 | 2 | 2 | - | - | - | - | - | 1 |
| Kansas----- | 2 | 5 | 184 | 271 | - | 2 | - | 1 | - | - | - | 41 |
| SOUTH ATLANTIC----- | 23 | 27 | 1,400 | 2,284 | 10 | 14 | 11 | 10 | - | 1 | 125 | 152 |
| Delaware----- | - | - | 27 | 56 | - | - | - | - | - | - | 14 | 2 |
| Maryland----- | 2 | 3 | 97 | 264 | 1 | 2 | 1 | 1 | - | - | 2 | 39 |
| District of Columbia----- | - | 1 | 10 | 50 | - | 1 | - | - | - | - | 1 | 5 |
| Virginia----- | 5 | - | 221 | 308 | 3 | - | 2 | - | - | - | 20 | 19 |
| West Virginia----- | 2 | 1 | 106 | 174 | 1 | 1 | 1 | - | - | - | 40 | 54 |
| North Carolina----- | 9 | 15 | 309 | 430 | 4 | 6 | 5 | 9 | - | - | 11 | 13 |
| South Carolina----- | - | 3 | 102 | 300 | - | 2 | - | - | - | - | 20 | 7 |
| Georgia----- | 1 | 2 | 189 | 256 | 1 | 2 | - | - | - | - | 17 | 11 |
| Florida----- | 4 | 2 | 339 | 446 | - | - | 2 | - | - | 1 | - | 2 |
| EAST SOUTH CENTRAL----- | 38 | 22 | 672 | 986 | 29 | 7 | 4 | 6 | 1 | - | 251 | 26 |
| Kentucky----- | 9 | 18 | 178 | 411 | 6 | 5 | 3 | 5 | - | - | 60 | 14 |
| Tennessee----- | 21 | 4 | 141 | 236 | 20 | 2 | 1 | 1 | - | - | 139 | 11 |
| Alabama----- | 4 | - | 83 | 167 | - | - | - | - | 1 | - | 50 | 1 |
| Mississippi----- | 4 | - | 270 | 172 | 3 | - | - | - | - | - | 2 | - |
| WEST SOUTH CENTRAL----- | 43 | 27 | 2,225 | 2,636 | 31 | 13 | 11 | 6 | 1 | 2 | 173 | 87 |
| Arkansas----- | 5 | - | 189 | 179 | 4 | - | 1 | - | - | - | 45 | 9 |
| Louisiana----- | 8 | 5 | 599 | 361 | 6 | 4 | 2 | 1 | - | - | 3 | 2 |
| Oklahoma----- | 1 | 4 | 200 | 282 | - | - | - | - | 1 | - | 5 | 11 |
| Texas----- | 29 | 18 | 1,237 | 1,814 | 21 | 9 | 8 | 5 | - | 2 | 120 | 65 |
| MOUNTAIN----- | 16 | 18 | 683 | 910 | 9 | 7 | 2 | 4 | - | 1 | 185 | 338 |
| Montana----- | - | 2 | 42 | 144 | - | 1 | - | - | - | - | 32 | 179 |
| Idaho----- | 2 | 8 | 102 | 241 | 2 | 2 | - | 4 | - | - | 5 | 8 |
| Wyoming----- | 1 | 1 | 32 | 34 | - | - | 1 | - | - | - | 94 | 31 |
| Colorado----- | 5 | 3 | 146 | 213 | 4 | 2 | 1 | - | - | 1 | 3 | 73 |
| New Mexico----- | --- | (3) | --- | (124) | --- | (3) | --- | (-) | --- | (-) | --- | (1) |
| Arizona----- | 3 | 2 | 121 | 124 | 3 | 2 | - | - | - | - | 12 | 20 |
| Utah----- | 5 | 1 | 206 | 76 | - | - | - | - | - | - | 37 | 15 |
| Nevada----- | - | 1 | 34 | 78 | - | - | - | - | - | - | 2 | 12 |
| PACIFIC----- | 47 | 129 | 2,401 | 2,673 | 25 | 82 | 19 | 41 | 3 | 3 | 263 | 274 |
| Washington----- | 4 | 22 | 184 | 463 | 2 | 15 | - | 4 | - | - | 98 | 58 |
| Oregon----- | 5 | 20 | 158 | 378 | 2 | 14 | 2 | 3 | - | - | 63 | 20 |
| California----- | 38 | 87 | 2,059 | 1,832 | 21 | 53 | 17 | 34 | 3 | 3 | 102 | 196 |
| Alaska----- | - | 2 | 12 | 59 | - | 2 | - | - | - | - | 119 | 20 |
| Hawaii----- | - | 11 | 66 | 138 | - | 7 | - | 4 | - | - | 144 | 2 |
| Puerto Rico----- | 2 | - | 51 | 442 | 2 | - | - | - | - | - | 32 | 62 |

¹Data exclude reports for New Mexico.²Includes cases not specified by type, category number 080.3.

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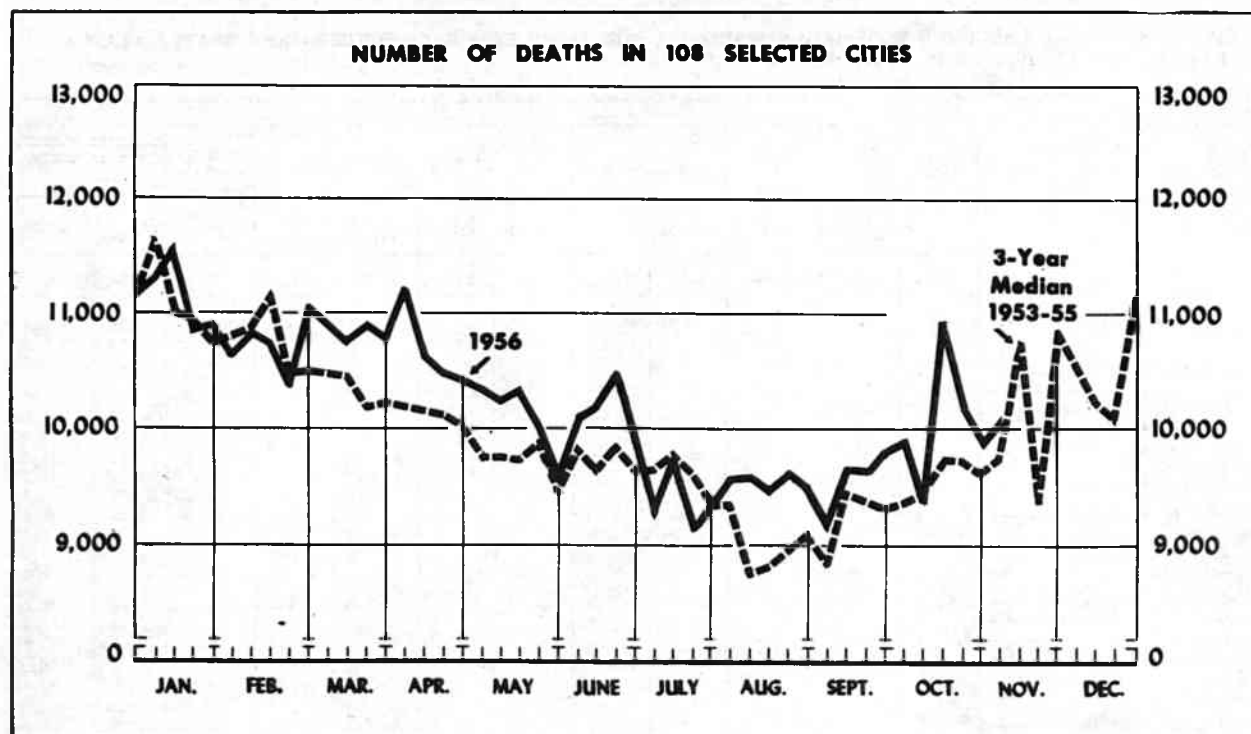
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED NOVEMBER 12, 1955 AND NOVEMBER 10, 1956—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

| AREA | MENINGOCOCCAL INFECTIONS | | MENINGITIS, OTHER | PSITTACOSIS | | TYPHOID FEVER 040 | | | | TYPHUS FEVER, ENDEMIC | RABIES IN ANIMALS | | | | |
|--|--------------------------|------|-------------------|-------------|------|-------------------|------|-----------|-------|-----------------------|---------------------------|------|-----|------|------|
| | 057 | | | 340 | | 096.2 | | 45th week | | | Cumulative first 45 weeks | | 101 | | |
| | 1956 | 1955 | | 1956 | 1955 | 1956 | 1955 | 1956 | 1955 | | 1956 | 1955 | | 1956 | 1955 |
| CONT. UNITED STATES ¹ ----- | 56 | 60 | 36 | 9 | 2 | 21 | 26 | 1,600 | 1,481 | - | 81 | 65 | | | |
| NEW ENGLAND----- | 2 | 2 | 3 | - | - | - | 1 | 51 | 33 | - | - | - | | | |
| Maine----- | - | - | 1 | - | - | - | - | 15 | 6 | - | - | - | | | |
| New Hampshire----- | - | 1 | - | - | - | - | - | - | - | - | - | - | | | |
| Vermont----- | - | - | - | - | - | - | - | 1 | 1 | - | - | - | | | |
| Massachusetts----- | 2 | - | 1 | - | - | - | 1 | 17 | 13 | - | - | - | | | |
| Rhode Island----- | - | 1 | 1 | - | - | - | - | 6 | 2 | - | - | - | | | |
| Connecticut----- | - | - | - | - | - | - | - | 12 | 11 | - | - | - | | | |
| MIDDLE ATLANTIC----- | 6 | 3 | - | - | - | 1 | 2 | 197 | 161 | - | 8 | 17 | | | |
| New York----- | 5 | 3 | - | - | - | - | 1 | 58 | 40 | - | 2 | 5 | | | |
| New Jersey----- | - | - | - | - | - | 1 | 1 | 31 | 26 | - | - | - | | | |
| Pennsylvania----- | 1 | - | - | - | - | - | - | 108 | 95 | - | 3 | 12 | | | |
| EAST NORTH CENTRAL----- | 9 | 13 | 5 | 2 | 1 | 2 | 5 | 214 | 152 | - | 16 | 7 | | | |
| Ohio----- | 3 | - | - | - | - | - | 1 | 56 | 68 | - | 13 | 3 | | | |
| Indiana----- | 1 | 5 | 2 | - | - | 1 | 3 | 30 | 22 | - | 1 | - | | | |
| Illinois----- | 2 | 2 | 2 | 1 | 1 | 1 | - | 36 | 32 | - | - | 2 | | | |
| Michigan----- | 3 | 4 | 1 | - | - | - | 1 | 50 | 23 | - | 2 | - | | | |
| Wisconsin----- | - | 2 | - | 1 | - | - | - | 42 | 7 | - | - | 2 | | | |
| WEST NORTH CENTRAL----- | 5 | 5 | 1 | 2 | 1 | 2 | 4 | 185 | 89 | - | 18 | 4 | | | |
| Minnesota----- | - | 2 | - | 2 | 1 | - | - | 37 | 7 | - | 7 | - | | | |
| Iowa----- | - | - | - | - | - | 1 | 3 | 57 | 25 | - | 4 | 4 | | | |
| Missouri----- | 4 | - | - | - | - | - | 1 | 56 | 46 | - | 4 | - | | | |
| North Dakota----- | - | - | - | - | - | - | - | 6 | - | - | 1 | - | | | |
| South Dakota----- | - | 1 | - | - | - | - | - | 3 | 5 | - | - | - | | | |
| Nebraska----- | - | - | - | - | - | 1 | - | 13 | 4 | - | 2 | - | | | |
| Kansas----- | 1 | 2 | 1 | - | - | - | - | 13 | 2 | - | - | - | | | |
| SOUTH ATLANTIC----- | 8 | 9 | 10 | 3 | - | 3 | 4 | 262 | 284 | - | 22 | 11 | | | |
| Delaware----- | - | - | - | - | - | - | - | 3 | 2 | - | - | - | | | |
| Maryland----- | 1 | 1 | 2 | - | - | - | 1 | 17 | 21 | - | - | - | | | |
| District of Columbia----- | - | - | - | - | - | - | - | 12 | 6 | - | - | - | | | |
| Virginia----- | - | 3 | 7 | - | - | - | - | 54 | 43 | - | 6 | 7 | | | |
| West Virginia----- | - | - | - | - | - | - | - | 23 | 37 | - | 1 | 1 | | | |
| North Carolina----- | 4 | 2 | - | 1 | - | 1 | - | 26 | 30 | - | - | - | | | |
| South Carolina----- | - | 1 | - | - | - | - | - | 27 | 47 | - | 11 | 2 | | | |
| Georgia----- | 3 | 1 | 1 | 1 | - | 2 | 1 | 51 | 45 | - | 3 | 1 | | | |
| Florida----- | - | 1 | - | 1 | - | - | 2 | 49 | 53 | - | 1 | - | | | |
| EAST SOUTH CENTRAL----- | 5 | 9 | 13 | - | - | 5 | 3 | 222 | 236 | - | 11 | 11 | | | |
| Kentucky----- | 2 | 6 | 10 | - | - | 2 | - | 51 | 102 | - | 7 | 4 | | | |
| Tennessee----- | - | 1 | 1 | - | - | 3 | 3 | 81 | 74 | - | 2 | 1 | | | |
| Alabama----- | 3 | 1 | - | - | - | - | - | 26 | 39 | - | 2 | 6 | | | |
| Mississippi----- | - | 1 | 2 | - | - | - | - | 64 | 21 | - | - | - | | | |
| WEST SOUTH CENTRAL----- | 10 | 8 | 1 | - | - | 7 | 5 | 306 | 374 | - | 6 | 8 | | | |
| Arkansas----- | 1 | - | - | - | - | - | - | 69 | 77 | - | 1 | 2 | | | |
| Louisiana----- | 2 | 1 | - | - | - | 2 | 2 | 44 | 77 | - | 5 | - | | | |
| Oklahoma----- | 2 | 1 | - | - | - | 1 | - | 47 | 49 | - | - | - | | | |
| Texas----- | 5 | 6 | 1 | - | - | 4 | 3 | 146 | 171 | - | - | 6 | | | |
| MOUNTAIN----- | 6 | 3 | 2 | - | - | - | - | 54 | 55 | - | - | - | | | |
| Montana----- | 1 | 1 | - | - | - | - | - | 3 | 5 | - | - | - | | | |
| Idaho----- | 3 | - | - | - | - | - | - | 3 | 11 | - | - | - | | | |
| Wyoming----- | 1 | - | 1 | - | - | - | - | 2 | 6 | - | - | - | | | |
| Colorado----- | 1 | 2 | 1 | - | - | - | - | 20 | 12 | - | - | - | | | |
| New Mexico----- | --- | (1) | --- | --- | (-) | --- | (1) | --- | (54) | --- | --- | (-) | | | |
| Arizona----- | - | - | - | - | - | - | - | 23 | 17 | - | - | - | | | |
| Utah----- | - | - | - | - | - | - | - | 1 | 4 | - | - | - | | | |
| Nevada----- | - | - | - | - | - | - | - | 2 | - | - | - | - | | | |
| PACIFIC----- | 5 | 8 | 1 | 2 | - | 1 | 2 | 109 | 97 | - | 3 | 7 | | | |
| Washington----- | 1 | - | 1 | - | - | - | - | 3 | 2 | - | - | - | | | |
| Oregon----- | 1 | - | - | 1 | - | - | - | 14 | 12 | - | - | - | | | |
| California----- | 3 | 8 | - | 1 | - | 1 | 2 | 92 | 83 | - | 3 | 7 | | | |
| Alaska----- | - | - | - | - | - | - | - | 1 | 4 | - | - | - | | | |
| Hawaii----- | - | - | - | - | - | - | - | - | - | - | - | - | | | |
| Puerto Rico----- | - | - | 1 | - | - | - | - | 72 | 44 | - | - | - | | | |

¹Data exclude reports for New Mexico.



The chart shows the number of deaths reported for 108 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISION

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

| AREA | 45th week ended Nov. 10, 1956 | 44th week ended Nov. 3, 1956 | 45th week median 1953-55 | Percent change, median to current week | CUMULATIVE NUMBER FIRST 45 WEEKS | | |
|-------------------------------------|-------------------------------|------------------------------|--------------------------|--|----------------------------------|---------|----------------|
| | | | | | 1956 | 1955 | Percent change |
| TOTAL: 104 REPORTING CITIES----- | 9,907 | 9,788 | 9,620 | +3.0 | 451,753 | 443,439 | +1.9 |
| New England----- (14 cities) | 656 | 672 | 651 | +0.8 | 30,166 | 30,414 | -0.8 |
| Middle Atlantic----- (16 cities) | 2,706 | 2,904 | 2,798 | -3.5 | 130,132 | 129,814 | +0.2 |
| East North Central----- (18 cities) | 2,259 | 2,174 | 2,100 | +7.6 | 100,506 | 99,053 | +1.5 |
| West North Central----- (7 cities) | 685 | 651 | 632 | +8.4 | 30,429 | 29,594 | +2.8 |
| South Atlantic----- (9 cities) | 744 | 712 | 744 | 0 | 35,594 | 34,086 | +4.4 |
| East South Central----- (7 cities) | 406 | 434 | 358 | +13.4 | 19,179 | 18,847 | +1.8 |
| West South Central----- (13 cities) | 807 | 785 | 712 | +13.5 | 37,599 | 35,087 | +7.2 |
| Mountain----- (8 cities) | 251 | 272 | 201 | +24.9 | 11,013 | 10,557 | +4.3 |
| Pacific----- (12 cities) | 1,393 | 1,184 | 1,214 | +14.7 | 57,135 | 55,987 | +2.1 |

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Table 4. DEATHS IN SELECTED CITIES FOR WEEK ENDED NOVEMBER 10, 1956

(By place of occurrence, and week of filing certificate. Exclusive of fetal deaths)

| CITY | 45th week ended Nov. 10, 1956 | 44th week ended Nov. 3, 1956 | CUMULATIVE NUMBER FIRST 45 WEEKS | | CITY | 45th week ended Nov. 10, 1956 | 44th week ended Nov. 3, 1956 | CUMULATIVE NUMBER FIRST 45 WEEKS | |
|---------------------------|--|---|-------------------------------------|---------|------------------------------|--|---|-------------------------------------|---------|
| | | | 1956 | 1955 | | | | 1956 | 1955 |
| NEW ENGLAND | | | | | WEST NORTH CENTRAL—Con. | | | | |
| Boston, Mass.----- | 229 | 244 | 10,186 | 10,374 | St. Louis, Mo.----- | 249 | 230 | 10,412 | 9,754 |
| Bridgeport, Conn.----- | 25 | 32 | 1,637 | 1,637 | St. Paul, Minn.----- | 57 | 58 | 2,932 | 2,877 |
| Cambridge, Mass.----- | 25 | 15 | 1,299 | 1,514 | Wichita, Kans.----- | 20 | 32 | 1,822 | 1,727 |
| Fall River, Mass.----- | 35 | 26 | 1,235 | 1,231 | SOUTH ATLANTIC | | | | |
| Hartford, Conn.----- | 50 | 47 | 2,131 | 1,997 | Atlanta, Ga.----- | 102 | 111 | 4,833 | 4,648 |
| Lowell, Mass.----- | 29 | 14 | 1,059 | 1,138 | Baltimore, Md.----- | 218 | 193 | 10,305 | 9,996 |
| Lynn, Mass.----- | 21 | 26 | 932 | 982 | Charlotte, N. C.----- | 21 | 24 | 1,361 | 1,225 |
| New Bedford, Mass.----- | 20 | 15 | 1,016 | 1,070 | Jacksonville, Fla.----- | (50) | (47) | (2,279) | (2,136) |
| New Haven, Conn.----- | 50 | 50 | 2,029 | 1,905 | Miami, Fla.----- | 53 | 63 | 2,274 | 2,341 |
| Providence, R. I.----- | 55 | 64 | 2,754 | 2,623 | Norfolk, Va.----- | 45 | 20 | 1,451 | 1,410 |
| Somerville, Mass.----- | 9 | 17 | 685 | 663 | Richmond, Va.----- | 64 | 67 | 3,118 | 2,852 |
| Springfield, Mass.----- | 44 | 40 | 1,850 | 1,873 | Savannah, Ga.----- | (31) | (26) | (1,276) | (1,274) |
| Waterbury, Conn.----- | 24 | 31 | 1,129 | 1,123 | Tampa, Fla.----- | 56 | 58 | 2,586 | 2,398 |
| Worcester, Mass.----- | 40 | 51 | 2,224 | 2,284 | Washington, D. C.----- | 154 | 150 | 8,114 | 7,645 |
| | | | | | Wilmington, Del.----- | 31 | 26 | 1,552 | 1,571 |
| MIDDLE ATLANTIC | | | | | EAST SOUTH CENTRAL | | | | |
| Albany, N. Y.----- | 42 | 41 | 2,175 | 2,118 | Birmingham, Ala.----- | 77 | 79 | 3,395 | 3,425 |
| Allentown, Pa.----- | (40) | (38) | (1,658) | (1,610) | Chattanooga, Tenn.----- | --- | (40) | --- | (1,943) |
| Buffalo, N. Y.----- | 104 | 178 | 6,358 | 6,005 | Knoxville, Tenn.----- | 21 | 35 | 1,480 | 1,504 |
| Camden, N. J.----- | 37 | 43 | 1,743 | 1,623 | Louisville, Ky.----- | 91 | 110 | 4,709 | 4,586 |
| Elizabeth, N. J.----- | 24 | 28 | 1,229 | 1,171 | Memphis, Tenn.----- | 92 | 102 | 4,383 | 4,389 |
| Erie, Pa.----- | 23 | 24 | 1,451 | 1,546 | Mobile, Ala.----- | 43 | 38 | 1,534 | 1,289 |
| Jersey City, N. J.----- | --- | (52) | --- | (3,088) | Montgomery, Ala.----- | 24 | 26 | 1,272 | 1,159 |
| Newark, N. J.----- | 96 | 89 | 4,321 | 4,455 | Nashville, Tenn.----- | 58 | 44 | 2,406 | 2,495 |
| New York City, N. Y.----- | 1,452 | 1,543 | 69,297 | 69,708 | WEST SOUTH CENTRAL | | | | |
| Paterson, N. J.----- | 44 | 50 | 1,674 | 1,645 | Austin, Tex.----- | 29 | 21 | 1,223 | 1,144 |
| Philadelphia, Pa.----- | 427 | 423 | 21,232 | 21,251 | Baton Rouge, La.----- | 13 | 25 | 982 | 934 |
| Pittsburgh, Pa.----- | 184 | 211 | 8,138 | 7,896 | Corpus Christi, Tex.----- | 21 | 23 | 886 | 768 |
| Reading, Pa.----- | (16) | (27) | (963) | (1,013) | Dallas, Tex.----- | 115 | 98 | 4,812 | 4,357 |
| Rochester, N. Y.----- | 81 | 82 | 4,231 | 4,161 | El Paso, Tex.----- | 21 | 27 | 1,203 | 1,253 |
| Schenectady, N. Y.----- | 18 | 25 | 993 | 1,012 | Fort Worth, Tex.----- | 56 | 52 | 2,592 | 2,423 |
| Scranton, Pa.----- | (32) | (30) | (1,523) | (1,506) | Houston, Tex.----- | 120 | 146 | 6,036 | 5,562 |
| Syracuse, N. Y.----- | 57 | 71 | 2,626 | 2,446 | Little Rock, Ark.----- | 47 | 52 | 2,076 | 1,971 |
| Trenton, N. J.----- | 55 | 33 | 1,963 | 2,127 | New Orleans, La.----- | 161 | 112 | 7,044 | 6,671 |
| Utica, N. Y.----- | 32 | 30 | 1,370 | 1,373 | Oklahoma City, Okla.----- | 72 | 63 | 2,809 | 2,515 |
| Yonkers, N. Y.----- | 30 | 33 | 1,331 | 1,277 | San Antonio, Tex.----- | 78 | 92 | 3,901 | 3,773 |
| EAST NORTH CENTRAL | | | | | Shreveport, La.----- | 43 | 33 | 2,016 | 1,744 |
| Akron, Ohio----- | 47 | 56 | 2,342 | 2,321 | Tulsa, Okla.----- | 31 | 41 | 2,019 | 1,972 |
| Canton, Ohio----- | 31 | 32 | 1,259 | 1,212 | MOUNTAIN | | | | |
| Chicago, Ill.----- | 725 | 645 | 32,650 | 32,420 | Albuquerque, N. Mex.----- | 21 | 28 | 1,034 | 1,017 |
| Cincinnati, Ohio----- | 169 | 141 | 6,777 | 6,560 | Colorado Springs, Colo.----- | 11 | 9 | 583 | 574 |
| Cleveland, Ohio----- | 213 | 195 | 9,155 | 8,817 | Denver, Colo.----- | 107 | 102 | 4,827 | 4,761 |
| Columbus, Ohio----- | 117 | 122 | 4,809 | 4,737 | Ogden, Utah----- | 15 | 31 | 572 | 502 |
| Dayton, Ohio----- | 80 | 69 | 2,940 | 2,879 | Phoenix, Ariz.----- | 20 | 22 | 1,146 | 1,069 |
| Detroit, Mich.----- | 308 | 321 | 14,152 | 14,408 | Pueblo, Colo.----- | 13 | 14 | 550 | 559 |
| Evansville, Ind.----- | 25 | 28 | 1,471 | 1,423 | Salt Lake City, Utah----- | 54 | 46 | 2,000 | 1,874 |
| Flint, Mich.----- | 36 | 36 | 1,719 | 1,651 | Tucson, Ariz.----- | 10 | 20 | 301 | 201 |
| Fort Wayne, Ind.----- | 39 | 33 | 1,595 | 1,506 | PACIFIC | | | | |
| Gary, Ind.----- | (22) | (27) | (1,269) | (1,219) | Berkeley, Calif.----- | 25 | 16 | 735 | 786 |
| Grand Rapids, Mich.----- | 39 | 41 | 1,831 | 1,849 | Long Beach, Calif.----- | 52 | 59 | 2,356 | 2,167 |
| Indianapolis, Ind.----- | 120 | 129 | 5,236 | 4,898 | Los Angeles, Calif.----- | 499 | 441 | 20,820 | 20,404 |
| Milwaukee, Wis.----- | 112 | 111 | 5,557 | 5,554 | Oakland, Calif.----- | 87 | 85 | 4,052 | 3,850 |
| Peoria, Ill.----- | 19 | 37 | 1,292 | 1,309 | Pasadena, Calif.----- | 42 | 27 | 1,562 | 1,624 |
| South Bend, Ind.----- | 19 | 30 | 1,091 | 1,111 | Portland, Oreg.----- | 116 | 78 | 4,222 | 4,167 |
| Toledo, Ohio----- | 111 | 92 | 4,206 | 4,118 | Sacramento, Calif.----- | 56 | 51 | 2,152 | 2,180 |
| Youngstown, Ohio----- | 49 | 56 | 2,424 | 2,280 | San Diego, Calif.----- | 93 | 59 | 3,315 | 3,281 |
| WEST NORTH CENTRAL | | | | | San Francisco, Calif.----- | 217 | 172 | 8,544 | 8,183 |
| Des Moines, Iowa----- | 57 | 57 | 2,233 | 2,299 | Seattle, Wash.----- | 144 | 111 | 5,627 | 5,664 |
| Duluth, Minn.----- | --- | (29) | --- | (1,134) | Spokane, Wash.----- | 26 | 43 | 2,048 | 2,027 |
| Kansas City, Kans.----- | --- | --- | --- | (1,535) | Tacoma, Wash.----- | 36 | 42 | 1,702 | 1,654 |
| Kansas City, Mo.----- | 100 | 95 | 4,812 | 4,843 | Honolulu, Hawaii----- | (29) | (38) | (1,544) | (1,590) |
| Minneapolis, Minn.----- | 147 | 122 | 5,330 | 5,239 | | | | | |
| Omaha, Nebr.----- | 55 | 57 | 2,888 | 2,855 | | | | | |

Symbols.—parentheses [()] : data not included in table 3; 3 dashes [---] : data not available.

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but some improvement could be made. No other outbreaks were reported in other camps served by this caterer. The source of contamination was not found nor was the agent identified. There was no evidence that the outbreak was waterborne.

Mr. Kenneth Mosser, North Dakota State Department of Health, has reported an outbreak of gastro-enteritis in a fraternity house. The number of cases was not given, but 12 individuals were ill enough to require hospitalization. An investigation revealed the cold sliced ham was the vehicle of infection. Hemolytic, coagulase-positive staphylococci were isolated from all samples of the ham tested.

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